

Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

*This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.*

Call Date: 9/16/2019

Water Supplier

Supplier Name:

Padre Dam Municipal Water District

Supplier Participants: Melissa McChesney, Jimmy Vargas, Paul Clarke

Key Audit Metrics

Data Validity Score: 73

ILI: -0.17

Real Loss: -4.69

Apparent Loss: 11.28

Non-Revenue Water as Percent of Cost of Operating System: 2.4%

Validator

Validator:

Sarah Reed-Guy,  
Water Systems Optimization

Validator Qualifications:

Water Audit Validator Certificate from the AWWA California Nevada Section

Certification Statement by Validator

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.  
All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

## Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

*This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.*

Water Supplier Name:

Padre Dam Municipal Water District

Water Supplier Public Water System ID:

CA 3710037

Water Audit Period:

July 2018 - June 2019

### Water Audit & Water Loss Improvement Steps

*Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.*

- Completed large meter testing
- Continued with a meter replacement program – 4,268 meters replaced during the FY 2019 year
- Completed pump station meter testing with a third party

### Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print):

Allen Carlisle

Executive Position:

CEO/General Manager

Signature:



Date

9/30/19